

Patent Abstracts of Japan

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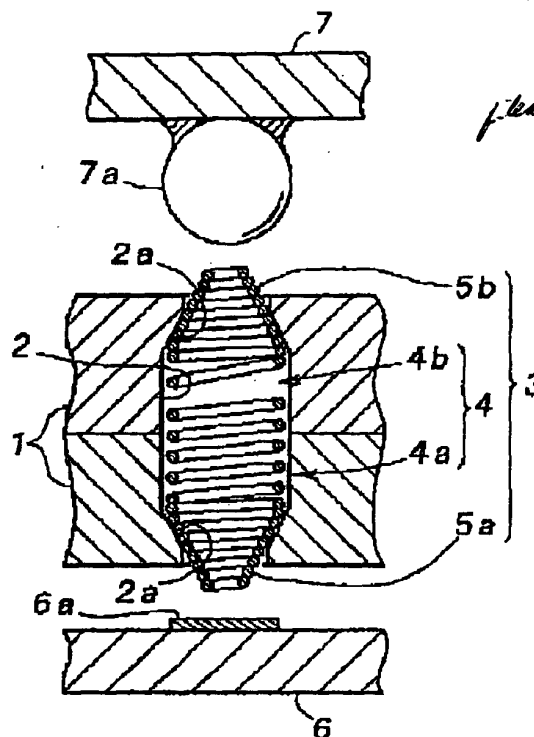
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TITLE : CONDUCTIVE CONTACT



ABSTRACT : PROBLEM TO BE SOLVED: To provide a conductive contact whose inductance and resistance can be lowered so as to cope with high frequencies.

SOLUTION: A through hole 2 which coaxially receives a coil spring-shaped conductive contact 3 is formed in a shape with tapered parts 2a toward the both sides along the direction of an axial line. The coil spring-shaped conductive contact 3 is configured of a coil spring part 4 received in the middle of the through hole 2 and a pair of electrode pin parts 5a and 5b which are wound tight in tapered shapes so as to be prevented from coming out by the tapered parts 2a at both end sides of the coil spring part 4. A regularly-wound part 4a and coarsely-wound part with a relatively coarse pitch are provided for the coil spring part 4. Therefore the structure is simplified and coil spring-shaped conductive contacts can be smoothly worked on. As the margin of deflection is secured without increasing the number of winding by providing a coarsely-wound part for a coil spring part, the lowering of inductance and resistance is enhanced to cope with high frequencies.

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